1: Jochelson E-5 (1900-01) 1908 RY4 Koryak RY4

skin pails. The Maritime Koryak carry a supply of fresh water when hunting in their skin boats. In order to avoid the necessity of melting snow and ice, in winter, water is generally taken from ice-holes. All the settlements of the Maritime Koryak are situated on the banks or at the mouths of rivers. The Reindeer Koryak, too, place their tents in river valleys. Plate XXX, Fig. 1, represents an evening scene by an ice-hole in the village Big Itkana, where girls and boys come with buckets to fetch water for the night. The water is poured into the bucket with a wooden scoop. Water-buckets are made of strong thong-seal skin or of aspen or poplar wood. Fig. 104 shows a skin bucket. Among the Eskimo are found buckets of the same type, made of seal-skin and sewed together with sinew-thread.[1] They are carried in a different manner however. The Eskimo bucket has a handle made of a strip of leather, like a regular bucket-handle, while the Koryak bucket has two loops sewed on near the mouth. To these loops are tied the ends of a broad seal-skin carrying-strap, which is passed over the forehead, the bucket resting on the back, — a method of carrying burdens employed by many Indian tribes.

Fig. 104 (1/11). Skin Bucket.

The thick wooden bucket is also cylindrical. The material is supplied by a part of a straight and solid trunk of an aspen or poplar tree, which is hollowed out by means of an adze, and finished with a simple knife. The wooden bottom is inserted from above. Wooden buckets are carried by women in the same way as seal-skin buckets (see Plate XXXV, Fig. 2).

The wooden bucket is used for many purposes: when hunting sea-mammals, it serves as a receptacle for the harpoon-heads; in the house, seal-oil is kept in it; berries are also kept in both wooden and skin buckets; soup for feeding dogs is carried out of the house in wooden buckets.

The material for spoons and ladles is furnished by the antlers of the reindeer and the horns of the mountain-sheep. Some are made of wood. Broth is sipped from deep ladles; thick porridge or gruel is eaten with spoons: therefore spoons are shallow (Fig. 105, *a*). Bone teaspoons (Fig. 105, *b*) are made in imitation of imported metal spoons. Wealthy Reindeer Koryak purchase metal table-spoons; some of them even have silver spoons.

Wooden plates, dishes, elongated platters and trays, and wooden and bone dippers, are of the same type as those of the Chukchee,[2] and I shall not

[1] See, for example, Kroeber, The Eskimo of Smith Sound, Fig. 31, p. 288; and Boas, Baffin-Land Eskimo, Fig. 142, p. 99.

[2] See Bogoras, The Chukchee, Vol. VII of this series, p. 189.

1: Jochelson E-5 (1900-01) 1908 RY4 Koryak RY4

dazzling light reflected in spring by the snow-fields. The snow-goggles are made of birch-bark or of wood, with a slit for the eyes.[1] In spring, protection of the eyes is of particular importance to herdsmen, who are constantly in the open air, and to drivers, who undertake to carry merchandise on dog-sledges.

Snow-shoes are of two kinds. One kind are short, and are called "crow-feet" (vɛ|vɪ-yɛgɪt).[2] They consist of a willow frame plaited with a thong. Herdsmen and hunters wear these snow-shoes for walking over uneven ground and hard snow. The other kind are long, and are called tɪ-yɛgɪt.[3] They are made of a thinly planed aspen board, with pointed ends and tip turned upwards, and are lined underneath with the skin from reindeer-legs, the hair running backward. These snow-shoes are suitable for level regions, and give a good support on soft snow, thanks to their light weight and large surface. When "crow-feet" snow-shoes are used, the feet are frequently lifted as in walking, while on long snow-shoes gliding alone is resorted to. The Eskimo who, when hunting seal in winter, have to cross rough and hummocky ice, employ snow-shoes similar to the Koryak "crow-feet;"[4] while the long snow-shoes are used more by hunters like the Tungus or Yukaghir, who hunt wild animals in the forests or river-valleys covered with deep and soft snow.

The Koryak, as a rule, do not make the long snow-shoes themselves, but purchase them from the Tungus. The flesh side of the skin is fastened with fish-glue under the wooden snow-shoes. The edges of the skin are turned over to the upper side.

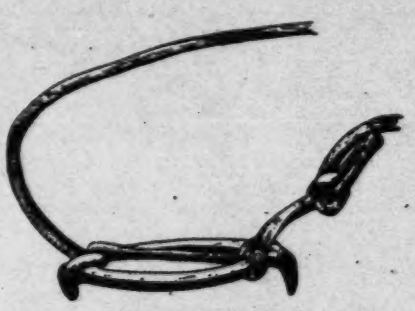

Fig. 130 (1/11). Ice-Creeper. Length, 11 cm.

For smooth and slippery ice, the Koryak tie iron creepers under the soles of their shoes (Fig. 130). In ancient times ice-creepers were made of hard wood or bone.

I rarely saw snow-staffs like those of the Chukchee and Eskimo, with attached ring. The Koryak use more often ordinary willow rods, such as are employed in their walks from village to village, from camp to camp, or in foot-races (see Plate XXXVIII, Fig. 1).

YOKES AND CARRYING-STRAPS. — For carrying loads when going afoot, Koryak men use a wooden |ɪ'tel. It is usually made of alder or of willow, and consists of a flat stick about 50 cm. long, planed, and somewhat bent so as to fit the chest (Fig. 131), with notches at both ends for attaching the

[1] See Bogoras, The Chukchee, Vol. VII of this series, Fig. 192, *a*, *b*, p. 260.
[2] Ibid., Fig. 193, *b*, p. 261.
[3] Ibid., Fig. 193, *a*, p. 261.
[4] See Nelson, pp. 212–214; Boas, Baffin-Land Eskimo, pp. 40, 41.

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"The snowshoes, both at Karaga and on the island, [Karaginski--Analyst] were of the latticed North American type, and quite different to those in use in the neighbourhood of Petropavlovsk, which consist of a long light framework, rectangular in shape, and covered with walrus or hair seal-skin, the skin being brought to a point at the ends, and the hair being laid backwards to facilitate hill-climbing."